

REMARKS

Applicants request reconsideration of the application in view of the present Amendment. Claim 40 is cancelled, and its limitations are added, with some rewording, to independent claim 39.

Claim 39

Claim 39 recites a simultaneous measurement of a first parameter of sections of a material library. It also recites measurement of a further, *i.e.* second, parameter of the material library. This combination of limitations is not suggested by any of the cited references. Willson, who discloses a material library, does not suggest measuring a second parameter as claimed. Akporiaye, who discloses a material library, does not suggest the measurement being "simultaneous" as claimed, and his system cannot perform such a simultaneous measurement. Although Akporiaye suggests that "sampling . . . be conducted simultaneously" (col. 9, lines 27-28), that only refers to when samples are removed from the effluent for later measurement, but does not refer to when the claimed measurement is made. The other references, which disclose measuring a second parameter for a single sample, do not suggest doing so for a material library as claimed, and especially do not suggest the claimed "simultaneous" measurement.

Claim 39, as amended, specifies that the second parameter is measured only for a selected group of sections. This is not disclosed or suggested by any of the cited references.

Claim 39 further specifies that the choice of which sections to include in the group depends on the result of the measurement of the first parameter. This limitation, also, is not disclosed or suggested by any of the cited references.

Therefore, on several grounds, claim 39 is patentable over the cited prior art.

Claims 41-76

Claims 41-76 depend from claim 39. The limitations that they add to claim 39 distinguish them further from the prior art. Therefore, claims 41-76, also, are patent over the prior art.

Applicants respectfully submit that the application is now in condition for allowance, and allowance is requested.

Respectfully submitted,

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